



Attorney Docket No.:
First Inventor:
Application No.:
Filing Date:
Title:

NEC0235US
Tetsu Koyama
09/672,644
September 28, 2000
FOUR DIMENSIONAL EQUALIZER AND FAR-END CROSS
TALK CANCELER IN GIGABIT ETHERNET SIGNALS

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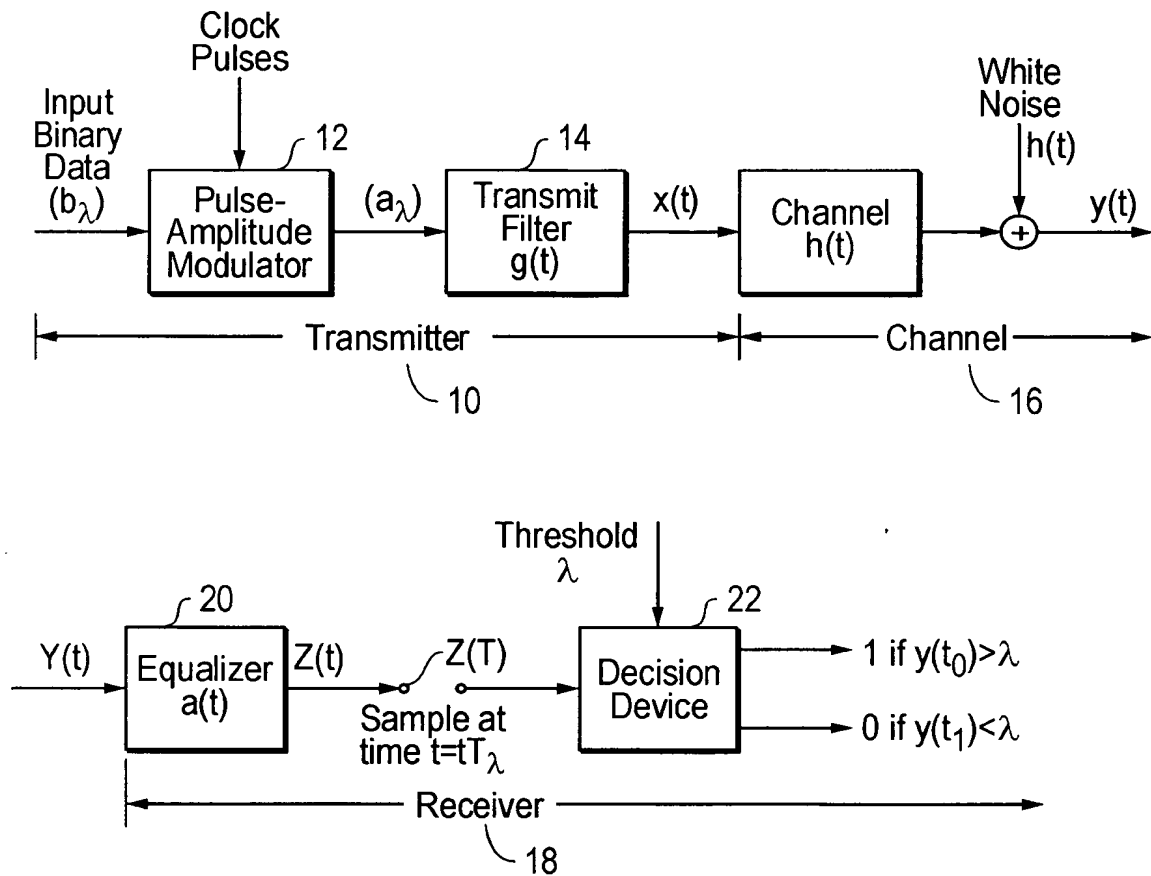
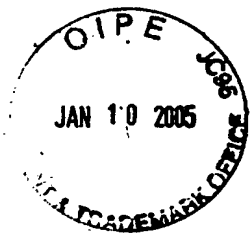


FIG. 1



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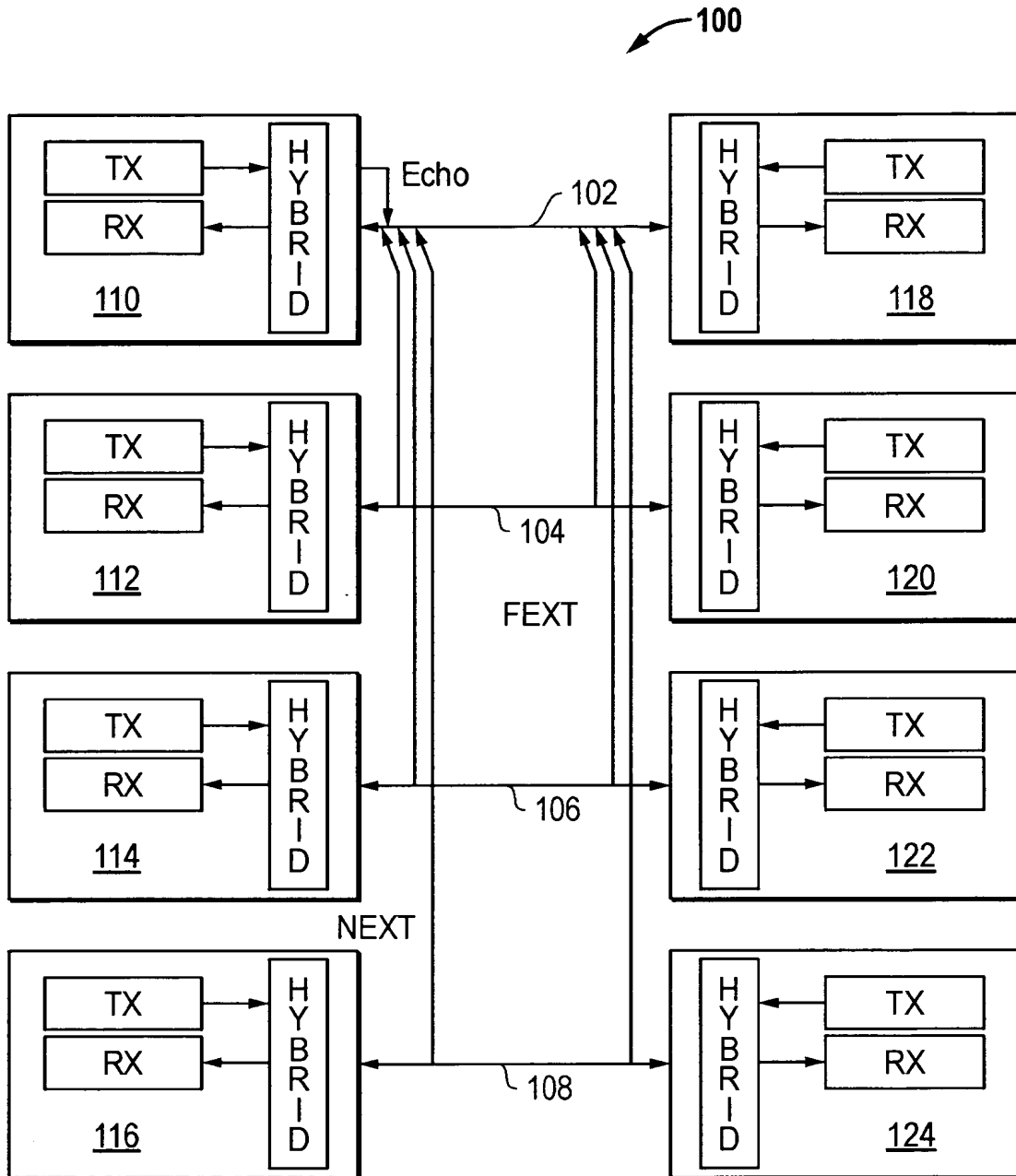
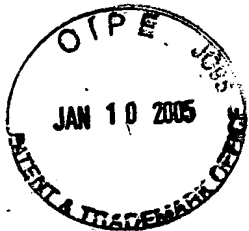


FIG. 1A



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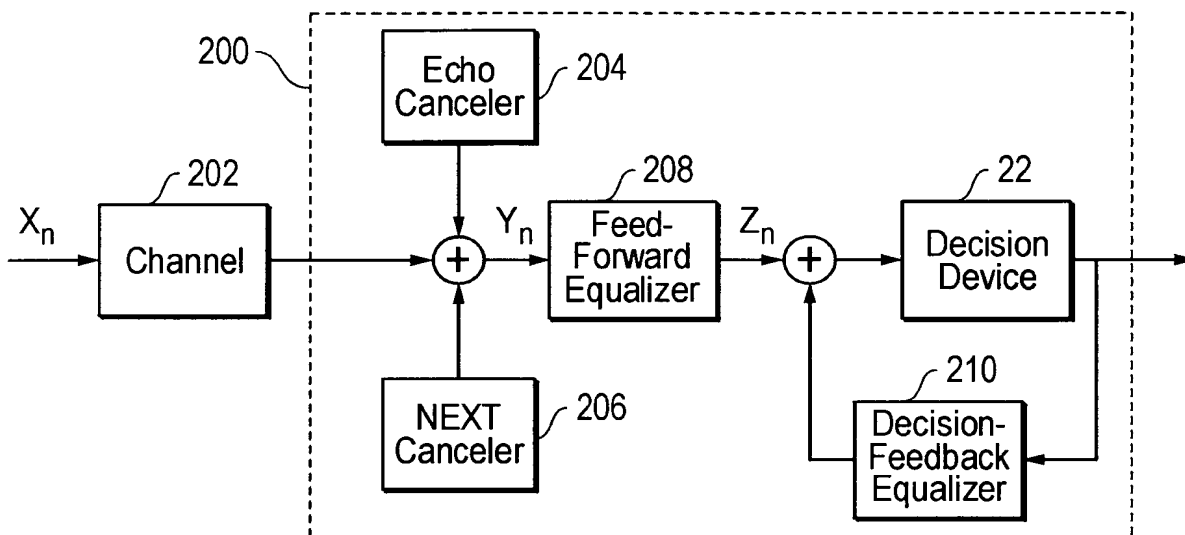


FIG. 2

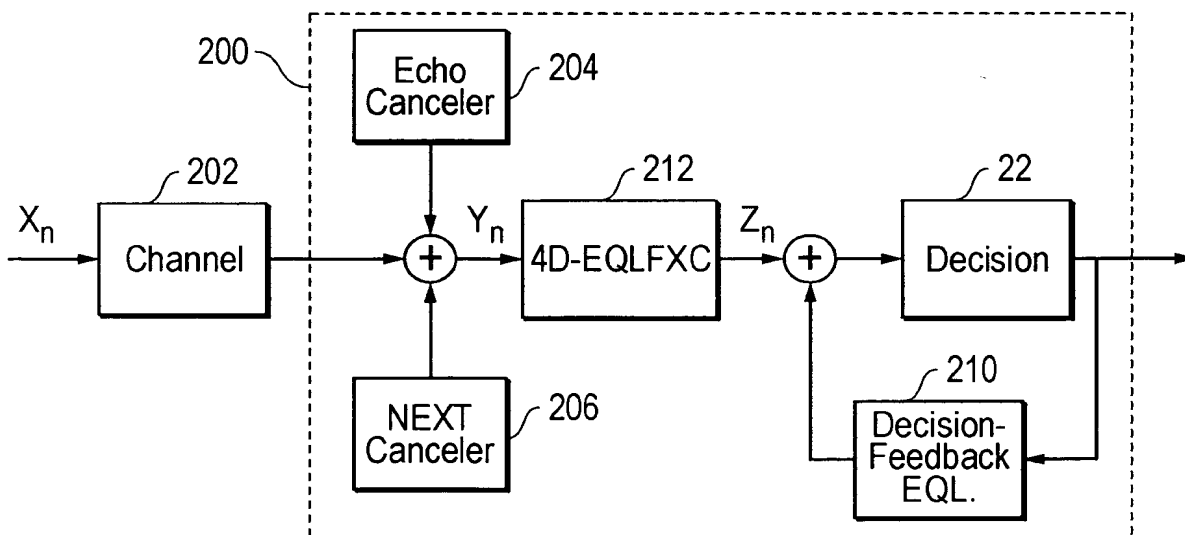
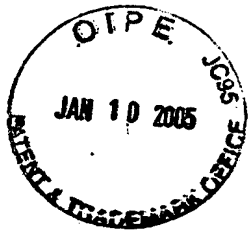


FIG. 2A



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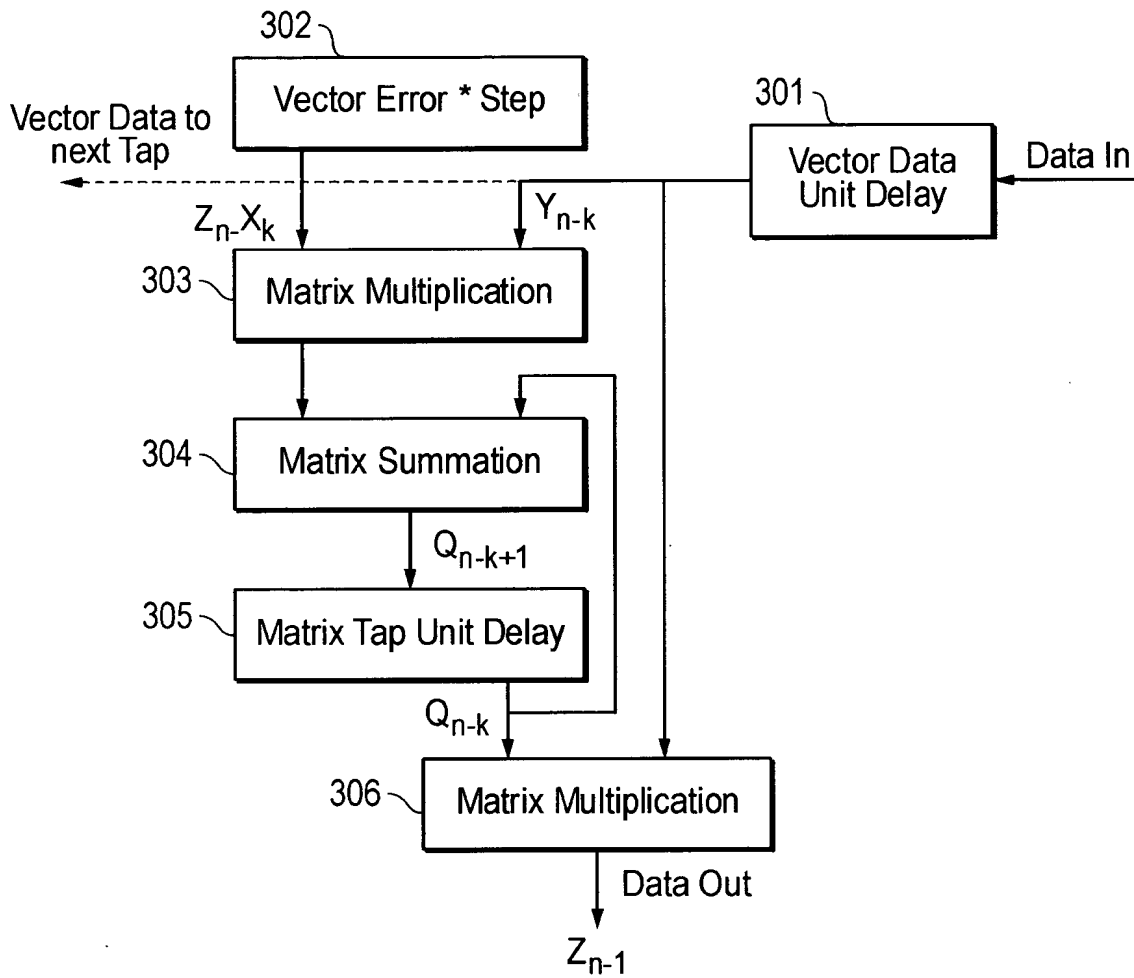


FIG. 3



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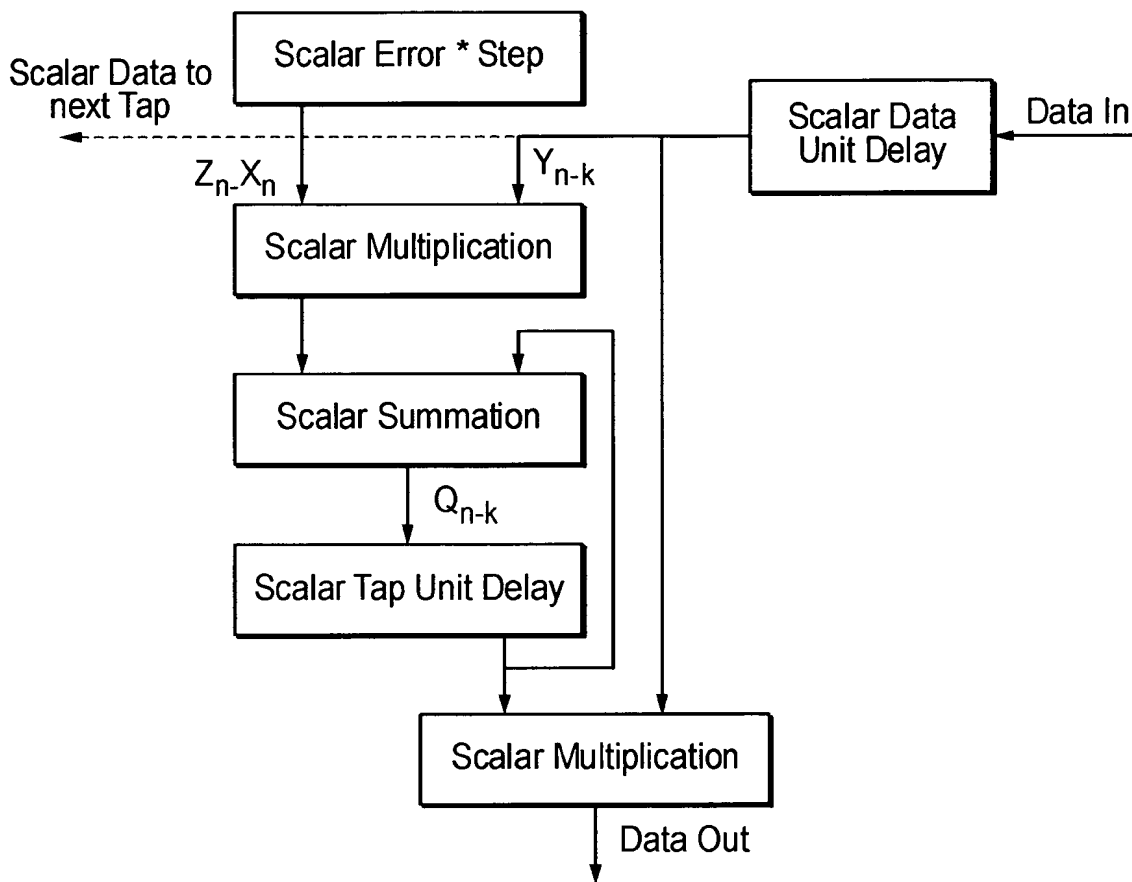


FIG. 4
(Prior Art)



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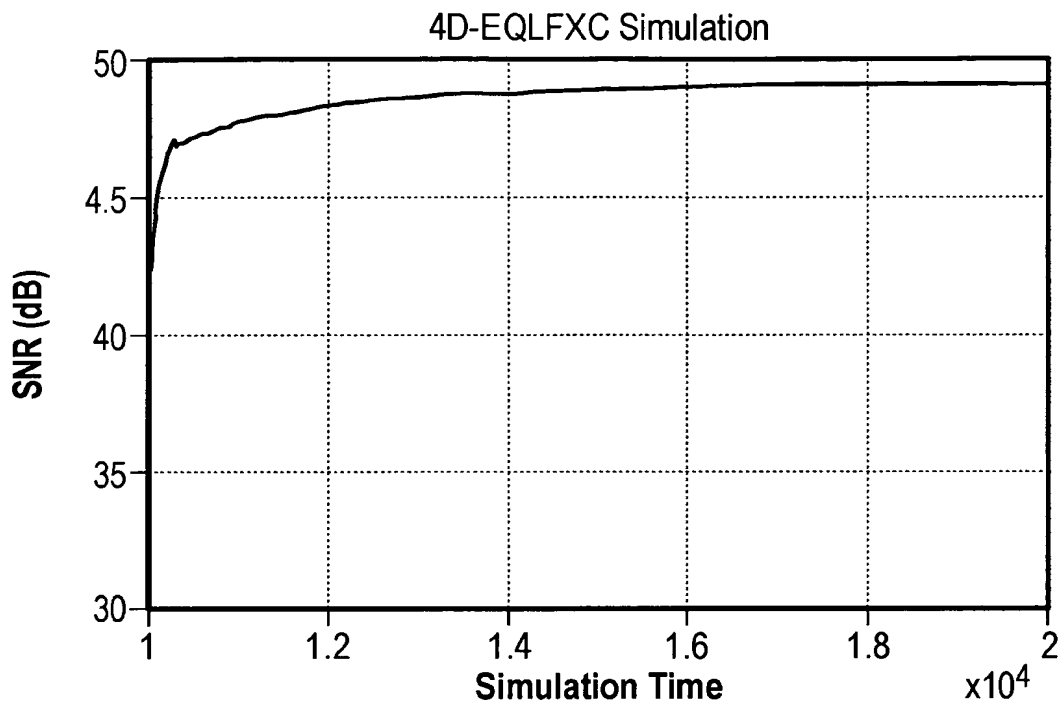
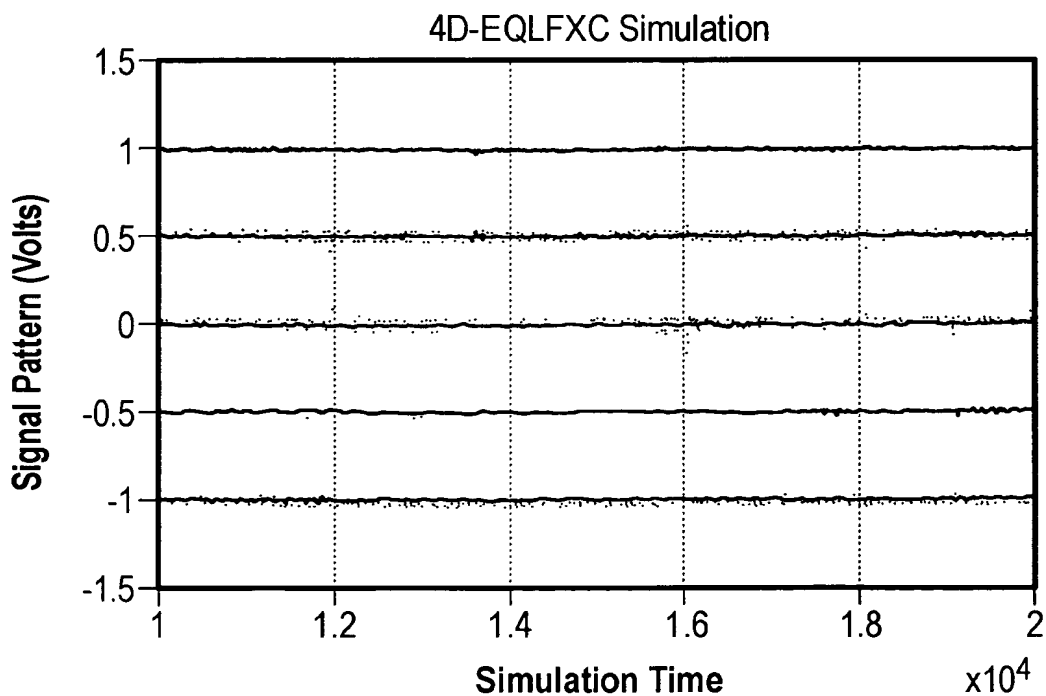
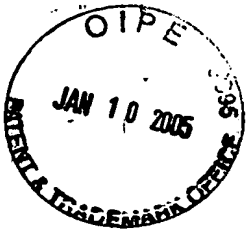


FIG. 5A



4D-EQLFXC Simulation (N=20, $\mu=0.01$)

FIG. 5B



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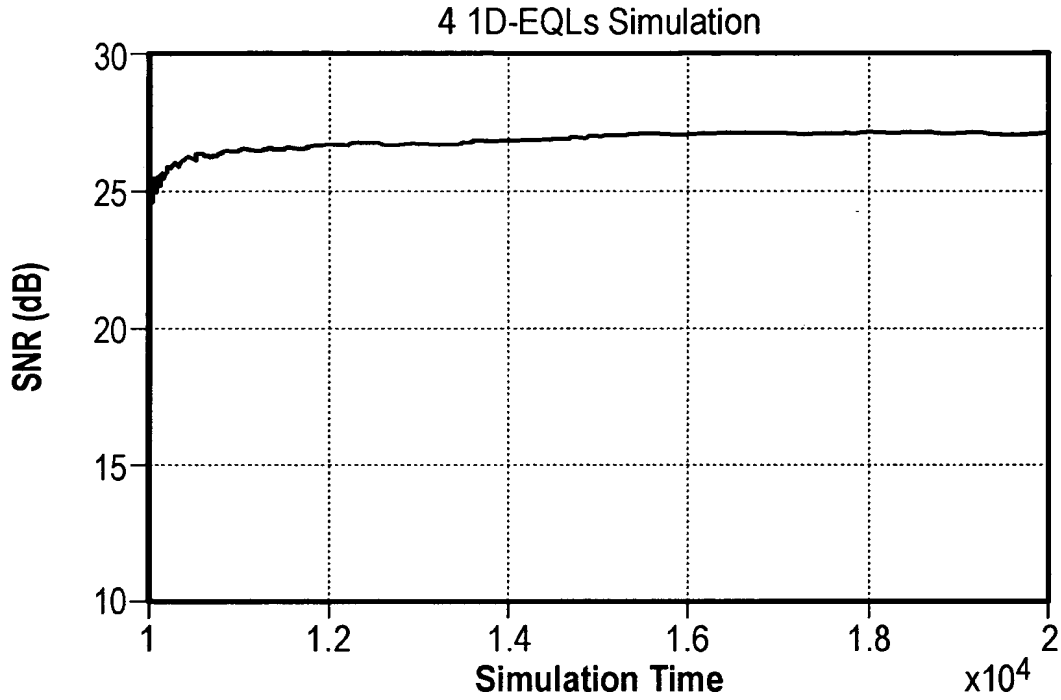
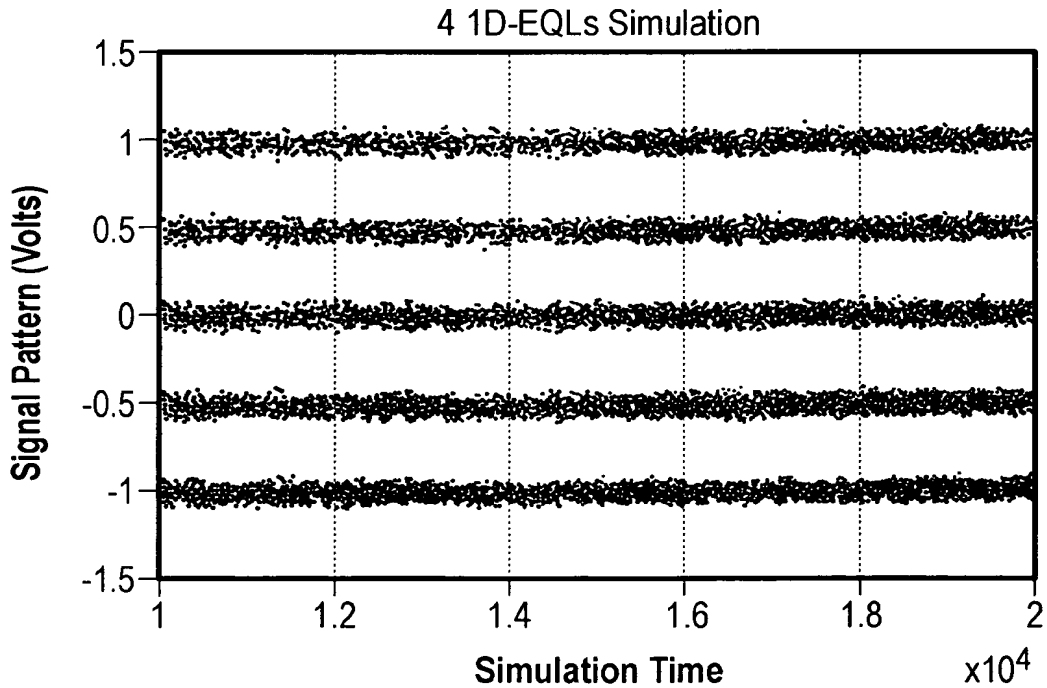


FIG. 6A
(Prior Art)



4 1D-EQLs Simulation ($N=50, \mu=0.01$)

FIG. 6B
(Prior Art)